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## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)  
Takashi IGARASHI et al.FILING DATE  
July 3, 2003

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
JB		6,050,877	04-2000	SHIBATA et al.	451	5
		6,220,929B	04-2001	MIZUMO	451	43
		6,080,044A	06-2000	LANHAM et al.	451	42
		6,123,604	09-2000	MIZUNO et al.	451	42
		4,989,316A	02-1991	LOGAN et al.	451	42
		5,149,337A	09-1992	WATANABE	45	42
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		6,276,994B	08-2001	YOSHIDA et al.	451	42
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
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	JP A 4-315563	11/06/1992	JAPAN (NO TRANSLATION)		
	JP A 5-4156	01/14/1993	JAPAN (NO TRANSLATION)		
	JP A 5-131350 (w/abstract)	05/28/1993	JAPAN (NO TRANSLATION)		
	JP B2 8-16611 (w/abstract)	02/21/1996	JAPAN (NO TRANSLATION)		
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JB	JP A 11-28650	02/02/1999	JAPAN (NO TRANSLATION)		

EXAMINER

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